

*Pacific Southwest Region*  
**HOLMES & HARVER, Inc.**  
ENGINEERS

406279  
P

TO: Resident Engineer JOB: 884  
FROM: L. S. Hammond RE: Survey Records

DATE: May 24, 1954

Referring to your HN 1533 it is important that this office have sufficient information available on the survey methods used and accuracy obtained in the positioning of stations 10, 30, 40 and 90 to assure efficient future design and to answer any questions of the client in this regard. The following information should be submitted for this purpose.

- (1) Summary of methods and procedure for each of the four stations.
- (2) Analysis of the results of positioning by intersection of theodolite angles. This should include the coordinate relation of each theodolite position check from which the mean or final values of a station were obtained.
- (3) Copies of field notes and computations related to the positioning of each station.
- (4) Copies of field notes and computations of any expansion of primary horizontal accomplished to provide local control for positioning of these stations.
- (5) Copies of the results obtained by any observations to determine the yaw, roll, pitch and horizontal motion of a station around a fixed point.

Item (1) is required as soon as possible for inclusion in the narrative portion of the survey section of the completion report. The remaining items should be submitted as early as the information can be compiled as some of this information may be included in the report.

BEST COPY AVAILABLE

NATIONAL ARCHIVES  
REPOSITORY PACIFIC SOUTHWEST REGION  
COLLECTION RG-326 ATOMIC ENERGY COMMISSION  
BOX No. 199624 (#608) A16334 326-65V0170  
SURVEYS  
FOLDER AUGUST 1, 1953 ON

LSH:vr

cc: Project Manager, o/s  
L.S. Hammond  
Project Engineering File  
Central File (2)  
Engineering File

*Handwritten signature/initials*